

*Dec. 4th 1813*

A B S T R A C T  
O F T H E  
P R E M I U M S  
O F F E R E D B Y T H E  
S O C I E T Y

INSTITUTED AT LONDON FOR THE  
ENCOURAGEMENT OF ARTS,  
MANUFACTURES AND  
COMMERCE.



LONDON: PRINTED BY ORDER OF THE  
SOCIETY, BY WILLIAM ADLARD, IN  
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MDCCLXXXIII.

N. B. *The first Volume of the Transactions of this SOCIETY will speedily be published, notice of which will be given in the News-papers, and may then be had at the SOCIETY'S House in the Adelphi, or of the principal Booksellers in England and Wales; in which Book will be found the Particulars of each Premium, and the Methods to be pursued by those who intend to become Candidates.*

## To the P U B L I C.

**T**HE CHIEF OBJECTS of the Attention of the SOCIETY, in the Application of their REWARDS, are all such useful Inventions, Discoveries, or Improvements, (though not mentioned in the Book of Premiums) as appear to have a Tendency to promote useful Arts, Manufactures, and Commerce, in this Kingdom; and in Pursuance of this Plan, the Society have already been enabled, by the Voluntary Subscriptions of its Members, and by Benefactions from the Nobility and Gentry, to expend for such useful Purposes, a Sum amounting to *upwards of Twenty Eight Thousand Pounds.*—

Whoever attentively considers the Benefits which have arisen to the Public since the Institution of this Society, by the Introduction of new Manufactures, and the Improvement of those formerly established, will readily allow, no Money was ever more usefully expended, nor has any Nation received more real Advantage, from any public Body whatever, than has been derived to this Country, from the Rewards bestowed by this Society; and this Observation will be confirmed by inspecting a general Account of the Effects of the Rewards bestowed by the Society, annexed to a Work, in Folio, printed in 1778, entitled, “A Register of the  
 “ Premiums and Bounties given by the Society,  
 “ instituted at *London*, for the Encouragement of  
 “ Arts, Manufactures and Commerce, from the  
 “ Original Institution in 1754, to 1776 inclusive;” which Work is sent to every Member on his Elec-



tion, and may be seen by any Person, applying to the Secretary, or other Officers of the Society, at their House in the *Adelphi*.

In order further to promote the laudable Views of this Institution, and to enable the Society to prosecute to greater Effect, the Work so successfully begun, it may not be improper to inform the Public, by what Mode, and on what Terms, Members are elected.—The Name, with the Addition and Place of Abode of the Person proposing to become a Member, is to be delivered to the Secretary, who is to read the same, and properly insert the Name in a List of Candidates, to be hung up in the Society's Room, until the next Meeting, at which such Persons shall be balloted for; and if Two-thirds of the Members then voting, shall ballot in his Favour, he shall be deemed a perpetual Member; upon Payment of *Twenty Guineas* at one Payment, or a Subscribing Member, upon Payment of any Sum not less than *Two Guineas* Annually.—Every Member is equally intitled to vote, and be concerned in all the Transactions of the Society. The ordinary Meetings are held every *Wednesday*, at Six o'Clock in the Evening, from the Fourth *Wednesday* in *October* to the first *Wednesday* in *June*.

*The Society, in pursuance of their Plan, propose to bestow Premiums under the following Heads.*

*Premiums for Planting and Husbandry.*

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Setting Acorns,</i> not less than 10 Acres 5 Acres	Gold Medal Silver Medal	} 1st Tuesday Nov. 1783
<i>Raising Oaks,</i> not fewer than 5000	Gold Medal	1st Tuesday Jan. 1788
<i>Setting Chesnuts,</i> not less than 6 Acres 4 Acres 2 Acres	Gold Medal Silver Medal Silver Medal	} 1st Tuesday Nov. 1783
<i>Planting Elm,</i> not fewer than 8000 5000 4000	Gold Medal Silver Medal Silver Medal	} 1st Tuesday Nov. 1783
<i>Planting Weymouth Pine,</i> not less than 4000 2000 1000	Gold Medal Silver Medal Silver Medal	} last Tuesday Jan. 1784
<i>Red Virginia Cedar,</i> not fewer than 3000 2000	Gold Medal Silver Medal	} last Tuesday Nov. 1783
<i>Spruce Fir,</i> not fewer than 10000 6000 4000	Gold Medal Silver Medal Silver Medal	} last Tuesday Jan. 1784
<i>Silver Fir,</i> not fewer than 4000 3000 2000	Gold Medal Silver Medal Silver Medal	} last Tuesday Jan. 1784

*Plant*

## S U B J E C T.      P R E M I U M S   O F F E R E D.   T I M E   O F   P R O D U C I N G

*Planting Larch,*  
not fewer than 5000      Gold medal }  
                                 3000      Silver medal } last Tuesday Nov 1783

*Utility of Larch,*  
account of      Gold medal      2d Tuesday Dec 1783

*Planting Norfolk Wil-*  
*low,*  
not less than 6 acres      Gold medal      last Tuesday Dec. 1783

*Occidental Plane Trees,*  
not less than 2 acres      Gold medal      last Tuesday Dec. 1783

*Alder,*  
not less than 6 acres      Gold medal      last Tuesday Dec. 1783

*Upland or Red Willow,*  
not less than 3 acres      Gold medal      last Tuesday April 1784

*Ash,*  
not less than 6 acres      Gold medal }  
                                 4 acres      Silver medal } 2d Tuesday March 1784

*Lombardy or Po Poplar,*  
not less than 6 acres      Gold medal      2d Tuesday Nov 1783

*Account of Trees, for*  
*use when exposed to*  
*the Weather*      Gold medal      2d Tuesday Dec 1783

*Method of Preventing*  
*Acorns when sown*  
*being injured by*  
*Mice*      Gold medal      last Tuesday Nov. 1784

*Preventing Chesnuts and*  
*Seeds of other Forest*  
*Trees, when sown*  
*being destroyed by*  
*Mice*      Silver medal      last Tuesday Nov. 1784

Pre-



# A G R I C U L T U R E.

7

S U B J E C T.      P R E M I U M S   O F F E R E D.   T I M E   O F   P R O D U C I N G

*Preventing Garden  
Seeds when sown be-  
ing destroyed by Birds  
or Vermin.*

Silver medal    last Tuesday Nov. 1784

*Planting Boggy or Mo-  
rassy Soils*

Gold medal    1st Tuesday Jan. 1792

*Ascertaining the Uses  
of Roots of Corn.*

Gold medal    1st Tuesday Jan. 1784

*Account of Culture of  
Wheat.*

Gold medal    1st Tuesday Feb. 1784

*Culture of Beans and  
Wheat.*

not less than 30 acres

Gold medal    1st Tuesday Nov. 1783

*Culture of Potatoes,  
not less than 50 acres*

Gold medal    last Tuesday Jan. 1784

*Turneps,  
Experiments on 6 acres*

Gold medal    3d Tuesday April 1784

*Green Vegetable Food,  
account of*

Gold medal    2d Tuesday Nov. 1783

*Mixture of Grass Seeds  
for laying down Land*

Gold medal    1st Tuesday Jan. 1784

*Turnep-rooted Cabbage,  
not less than 10 acres  
5 acres*

Gold medal }  
Silver medal } last Tuesday Oct. 1783

*Cultivating Roots and  
Herbs for feeding  
Sheep and Black-  
Cattle.*

Gold medal    1st. Day Novem. 1783

*Turnep-rooted Cabbage,  
greatest quantity per  
acre*

Gold medal    1st Tuesday Nov. 1783  
Rearing

SUBJECT. PREMIUMS OFFERED. TIME OF PRODUCING

*Rearing and Fattening*

*Hogs,*  
account of

Gold medal

1st Tuesday March 1784

*Managing Bees,*

account of

Gold medal

2d Tuesday Jan. 1784

*Cultivating the true*

*Rhubarb,*

not fewer than

300 plants

200 plants

Gold medal

Silver medal

2d Tuesday Feb. 1784

*Curing Rhubarb,*

not less than 20 lb.

Gold medal

1st Tuesday Nov. 1783

*Ascertaining the compo-*

*tent Parts of Arable*

*Land.*

Gold medal

last Tuesday Nov. 1788

*Improving Land lying*

*Waste,*

for account of

Gold medal

2d Tuesday Dec. 1783

*Manures,*

account of

Gold medal

1st Tuesday Jan. 1784

*Manures,*

account of, used as top-

dressings

Gold medal

1st Tuesday Dec. 1784

*Comparison between*

*Rolling or Scarifying*

*Grass Land.*

Gold medal

1st Tuesday Nov. 1783

*Proper Depth of Plough-*  
*ing,—account of*

Gold medal or }  
fifty guineas }

1st Tuesday Jan. 1784

*Ascertaining best course*  
*of Crops on Clay.*

Gold medal or }  
fifty pounds }

1st Tuesday Jan. 1786

*Course*



# A G R I C U L T U R E.

9

S U B J E C T.      P R E M I U M S O F F E R E D.      T I M E O F P R O D U C I N G.

*Course of Beans and  
Wheat.*

a count of

Gold medal    1st Tuesday March 1784

*Improving Waste Moors*  
not less than 100 acres

Gold medal    1st Tuesday Feb. 1784

*Gaining Land from the  
Sea.*

not less than 20 acres

Gold medal    1st Tuesday Oct. 1785

*Drill Plough for Horse  
Beans.*

Silver medal or }  
ten guineas    } 1st Tuesday Jan. 1784

*Machine for Reaping  
or Mowing Corn*

Gold medal    2d Tuesday Dec. 1783

*Scab in Sheep,*  
for a method of curing

Silver medal or }  
ten guineas    } 2d Tuesday Jan. 1784

C H E.

# *Premiums for Discoveries and Improvements in Chemistry.*

SUBJECT.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Improving Kelp,</i> not less than 4 tons	Gold medal or twenty pounds }	1st Tuesday Jan. 1784
<i>Making Barilla,</i> not less than half a ton	Gold medal or twenty pounds }	1st Tuesday Jan. 1784
<i>Discovering Native Fos- sil Fixt Alkali,</i> not less than 200 wt.	Gold medal or thirty pounds }	1st Tuesday Jan. 1784
<i>Importing Native Fossil fixt Alkali from East India,</i> not less than half a ton	Gold medal or thirty pounds }	last Tuesday Jan. 1784
<i>Discovering the Method of obtaining Alkali from Sea Salt,</i> fifty pounds weight	Gold medal	3d Tuesday Dec. 1783
<i>Preserving Seeds.</i>	Gold medal	1st Tuesday Dec. 1783
<i>Cultivating Poppy Seed for Oil,</i> not less than ten acres	Gold medal or twenty pounds }	3d Tuesday Jan. 1784
<i>Method of destroying Smoke.</i>	Gold medal	1st Tuesday Jan. 1784
<i>Substitute or Prepara- tion of Yeast.</i>	Gold medal or twenty pounds }	last Tuesday Nov. 1783
<i>Method of Encreasing Steam.</i>	Gold medal	1st Tuesday Jan. 1785
<i>Method of Compating Sweets.</i>	Gold medal	1st Tuesday Jan. 1784

# P O L I T E   A R T S. 11

## *Premiums for promoting Polite Arts.*

S U B J E C T.	P R E M I U M S   O F F E R E D.	T I M E   O F   P R O D U C I N G
<i>Drawings</i> by Sons or Grandsons of Peers	Gold Medal } Silver Medal }	1 <sup>st</sup> Tuesday March 1784
<i>Drawings</i> By Daughters or Grand Daughters of Peers	Gold Medal } Silver Medal }	1 <sup>st</sup> Tuesday March 1784
<i>Drawings</i> by young Gentlemen	Gold Medal } Silver Medal }	1 <sup>st</sup> Tuesday March 1784
<i>Drawings</i> by young Ladies	Gold Medal } Silver Medal }	1 <sup>st</sup> Tuesday March 1784
<i>Modelling</i> a head from life	Silver Medallion	3 <sup>d</sup> Tuesday Oct. 1783
<i>Drawings</i> of Outlines from Plaster	Great silver pallet } Lesser silver pallet }	last Tuesday Oct. 1783
<i>Drawings</i> after Pictures	Great silver pallet } Lesser silver pallet }	last Tuesday Oct. 1783
<i>Drawings</i> of Machines	Great silver pallet	3 <sup>d</sup> Tuesday Oct. 1783
<i>Drawings</i> of Beasts	Great silver pallet } Lesser silver pallet }	3 <sup>d</sup> Tuesday Oct. 1783
<i>Drawings</i> of Birds	Great silver pallet } Lesser silver pallet }	3 <sup>d</sup> Tuesday Oct. 1783
<i>Drawings</i> of Fruit, Flowers, or Plants	Great silver pallet } Lesser silver pallet }	3 <sup>d</sup> Tuesday Oct. 1783

*Draw-*



SUBJECT.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Drawings</i> of Landscapes after Nature	Great silver pallet Lesser silver pallet }	3d Tuesday Oct. 1783
<i>Original Historical</i> <i>Drawings</i>	Gold pallet Great silver pallet }	1st Tuesday Feb. 1784
<i>Teaching to speak Lan-</i> <i>guages at Schools, viz.</i> Latin, German, Spa- A nish and Italian	Gold Medal for each. }	2d Tuesday Nov. 1785
And to the Scholar who speaks the best A Latin, German, Spanish or Italian	Silver Medal for each.	

*Premiums for encourageing and improving Manufactures.*

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Producing Silk,</i> not less than 5 lb. 2 lb.	Gold Medal } Silver Medal }	1st Tuesday Jan. 1784
<i>Raising Plants from</i> <i>Mulberry Cuttings,</i> not less than 300	Gold Medal	1st Tuesday Nov 1783
<i>Plantation of Mulberry</i> <i>Cuttings,</i> not less than 1 acre	Gold Medal	1st Tuesday Dec 1783
<i>Machine for Carding</i> <i>Silk</i>	Gold Medal or } Twenty Pounds }	1st Tuesday Nov 1783
<i>Weaving Fishing Nets</i>	Twenty Guineas	2d Tuesday Jan 1784
<i>Paper for Copper-plates</i>	Gold Medal or } Twenty Guineas }	1st Tuesday Jan 1784

# M E C H A N I C S. A M

## *Premiums for Inventions in Mechanics.*

S U B J E C T.	P R E M I U M S O F F E R E D.	T I M E O F P R O D U C I N G
<i>Transit Instrument</i>	Gold Medal	last Tuesday Jan. 1784
<i>Each Whale taken by the Gun Harpoon</i>	Two Guineas	last Tuesday Dec. 1783
<i>Gun for throwing Har- poons</i>	Silver Medal } or Ten Guineas }	1st Tuesday Dec. 1783
<i>Harpoon to be thrown by a Gun</i>	Silver Medal } or Ten Guineas }	1st Tuesday Dec 1783
<i>Machine for Trans- porting Timber</i>	Twenty Guineas	last Tuesday Nov. 1783
<i>Improvement of the Hand Ventilator</i>	Gold Medal	last Tuesday Feb. 1784
<i>Archimedean or Water Screw</i>	Gold Medal	3d Tuesday Feb. 1784
<i>Engine for Working Looms</i>	Gold Medal or } Thirty Guineas }	1st Tuesday Jan. 1784
<i>Cranes for Wharfs</i>	Gold Medal or } Twenty Guineas }	1st Tuesday Feb. 1784
<i>Carriage to convey En- gines for extinguish- ing Fires</i>	Gold Medal	last Tuesday Jan. 1784



*Premiums for the Advantage of the British Colonies.*

SUBJECT.	PREMIUMS OFFERED.	TIME OF PRODUCING.
<i>Nutmegs in the West-Indies.</i>	Gold medal or 100 pounds }	1st Tuesday Jan. 1784
<i>Importing Bread Fruit Tree.</i>	Gold medal	between the 1st. of June and 15th Aug. 1784.
<i>Oil from the Seed of Cotton.</i>		
not less than 1 ton ½ a ton	Gold medal } Silver medal }	last Tuesday Nov. 1785

It is required, that the matters for which Premiums are offered, be delivered in without names, or any intimation to whom they belong; that each particular thing be marked in what manner each claimant thinks fit, such claimant sending with it a paper sealed up, having on the outside a corresponding mark, and on the inside the claimant's name and address.

F I N I S.

# COLONIES and TRADE

## Premiums for the Advantage of the British Colonies.

SUBJECT. PREMIUMS OFFERED. TIME OF PRODUCING.

Not less than 1 ton	Gold medal or 100 pounds	18 Tuesday Jan. 1784
Not less than 1 ton	Gold medal	between the 1st of June and 15th Aug. 1784
Not less than 1 ton	Gold medal or 100 pounds	18 Tuesday Jan. 1784
Not less than 1 ton	Gold medal	between the 1st of June and 15th Aug. 1784

It is required, that the matters for which Premiums are offered, be delivered in without name, or any intimation to whom they belong; that each particular thing be marked in what manner each claimant thinks fit, such claims being to be made in a paper folded up, having on the outside a corresponding mark, and on the inside the claimant's name and address.

T. I. W. I. 2.

